

RECEIVED
JUN 27 2008

ORIGINAL

STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

CONNECTICUT SITING COUNCIL REVIEW : DOCKET NO.: F-2008
OF THE TEN-YEAR FORECAST OF :
CONNECTICUT ELECTRIC LOADS AND :
RESOURCES : JUNE 26, 2008

LAKE ROAD GENERATING COMPANY, L.P.'S RESPONSES TO
INTERROGATORIES OF THE CONNECTICUT SITING COUNCIL

Lake Road Generating Company, L.P. ("Lake Road") hereby files this response to the Interrogatories received from the Connecticut Siting Council dated June 11, 2008.

INTERROGATORY NO. 1:

Listed below are the data from the June 2008 ISO-NE Seasonal Claimed Capability Report. Does the Lake Road Generating Co. L.P. (Lake Road) agree with these numbers? If no, provide the correct data.

<u>Net Capability – MW</u>	<u>Summer</u>	<u>Winter</u>
Lake Road 1	232.75	268.37
Lake Road 2	251.33	286.95
Lake Road 3	254.90	283.67

RESPONSE: Yes.

INTERROGATORY NO. 2:

How does Lake Road compute seasonal claimed capability?

RESPONSE: Lake Road computes seasonal claimed capability per the ISO-NE Installed Capacity Procedure Manual M-20, Attachment D.

INTERROGATORY NO. 3:

Is the Lake Road facility considered a baseload, intermediate, or peaking facility?

RESPONSE: Intermediate.

INTERROGATORY NO. 4:

Do any of the Lake Road generating units have black start capability? If yes, specify which ones.

RESPONSE: No.

INTERROGATORY NO. 5:

Identify units that are capable of operating on fuel oil, and explain the contingency plan to operate other unit(s).

RESPONSE: Unit 1 is capable of operating on fuel oil. Both Units 2 & 3 will require a 30-day outage to commission, and install OEM dual fuel software and hardware to safely operate the units on fuel oil. After commissioning is completed stack testing must be completed per the facility's air permit for each unit.

INTERROGATORY NO. 6:

Has Lake Road recently performed or considered any upgrades that would allow all or more of Lake Road's generating capacity to be considered Connecticut capacity?

RESPONSE: Lake Road considered investing in the elective transmission upgrades required to locate Unit 2 in Connecticut which would have enabled the unit to participate in the LFRM. Based on NU project estimates Lake Road decided not to proceed with the transmission upgrades.

INTERROGATORY NO. 7:

Does Lake Road have plans to add generation? If so, would the unit primarily operate on natural gas with the capability to use fuel oil? Has Lake Road studied future fuel availability for both gas and oil? If so, provide an executive summary and conclusions.

RESPONSE: Lake Road is contemplating the addition of a fourth unit at the site should markets, including the ISO-New England Forward Capacity Market, begin to indicate that the cost to add a new unit would be supported by the market. Based on recent auction results, Lake Road does not anticipate that prices in the New England region will support new generation until 2015 or beyond and Lake Road has modified its planning horizon for the expansion accordingly.

To assure that the operation of this contemplated combined cycle unit will result in the lowest emissions feasible, it will fire natural gas fuel only. In its planning for this unit, Lake Road considered adding backup ultra low sulfur fuel diesel ("ULSD") fuel burning capability. Lake Road ultimately concluded, however, that this unit should operate only on natural gas in order to minimize emissions, and in light of Lake Road's determination that it was more feasible to rely on the ULSD burning capability of the other units at the generation station. Currently, LRGS has the capability to generate approximately 264 MW of electricity using ULSD. As Units 2 and 3 are commissioned on ULSD, this capability can increase to almost 800 MW. Also, in planning work with the Town of Killingly commissions, and neighborhood groups regarding the possibility of adding the fourth unit, the commissions and neighbors indicated their desire to have no increase in oil burning capability be implemented at an expanded Lake Road facility.

In terms of natural gas availability, Lake Road is a subsidiary of BG Group, a major worldwide natural gas company that performs its business in the full value chain of natural gas. BG Group is a major entity in worldwide exploration and production of natural gas, in liquefaction of natural gas for storage and delivery as LNG, in shipping of LNG, in regasification of LNG for delivery of natural gas to pipeline and distribution systems worldwide and for end user marketing and natural gas generation production. Because BG Group is an integrated major gas company, it provides a significant advantage to Lake Road's generation portfolio in sourcing natural gas for the project. BGNA will manage the supply and delivery of natural gas to LRGS Unit 4 from its natural gas trading and marketing organization at its Houston headquarters. BGNA's natural gas supply to the United States comes predominantly from its LNG imports through its firm capacity contracts in two LNG terminals, one in Lake Charles, Louisiana, and the other at Elba Island near Savannah, Georgia. BGNA imported approximately 50% of the total LNG imports into the United States in 2006 and 55% in 2007, and has the flexibility to move natural gas to support its business interests via its pipeline capacity positions which allow delivery of regasified LNG

to the various points of usage throughout the United States such as the Lake Road facility. BGNA will secure the appropriate capacity across such pipelines in order to source the Lake Road expansion.

WITNESS(ES): Robert B. Haley, General Manager, Lake Road Generating Co. and Michael Kirkwood, Director Business Development, BG Americas and Global LNG.

Respectfully Submitted,

LAKE ROAD GENERATING COMPANY,
L.P.

By



Mark R. Sussman
Loni S. Gardner
Murtha Cullina LLP
CityPlace I, 29th Floor
185 Asylum Street
Hartford, Connecticut 06103-3469
Telephone: (860) 240-6000
Its Attorneys

CERTIFICATE OF SERVICE

This is to certify that a copy of the foregoing has been mailed, postage prepaid, and
sent by email this 26th day of June, 2008 to:

Judith E. Lagano
NRG Energy, Inc.
P.O. Box 1001
1866 River Road
Middletown, CT 06457

Raymond G. Long
NRG Energy, Inc.
P.O. Box 1001
1866 River Road
Middletown, CT 06457

Andrew W. Lord, Esq.
Murtha Cullina LLP
CityPlace I, 29th Floor
185 Asylum Street
Hartford, CT 06103-3469

Christopher R. Bernard
Manager – Regulatory Policy
Northeast Utilities Service Company
107 Selden Street
Berlin, CT 06037

Stephen Gibelli, Esq.
Senior Counsel
Northeast Utilities Service Company
107 Selden Street
Berlin, CT 06037

Linda L. Randell
Senior Vice President
General Counsel and Corporate Secretary
UIL Holdings Corporation
P.O. Box 1564
New Haven, CT 06506-0901

Michael A. Coretto
The United Illuminating Company
157 Church Street
New Haven, CT 06506-1904

Maurice R. Scully, Executive Director
Connecticut Municipal Electric Energy
Cooperative
30 Stott Avenue
Norwich, CT 06360-1526

Bruce L. McDermott, Esq.
Wiggin & Dana LLP
One Century Tower
New Haven, CT 06508-1832

Kenneth C. Baldwin, Esq.
Robinson & Cole LLP
280 Trumbull Street
Hartford, CT 06103-8345

Charles J. Carpinella
Load and Generation Analyst
Connecticut Municipal Electric Energy
Cooperative
30 Stott Avenue
Norwich, CT 06360-1526

Daniel A. Weekley
Managing Director
Northeast Government Affairs
Dominion Resources Services, Inc.
Rope Ferry Road (Route 156)
Waterford, CT 06385

James A. Ginnetti
Vice President, External Affairs
FirstLight Power Resources Services, LLC
20 Church Street, 16th Floor
Hartford, CT 06103

Anthony M. Macleod
Whitman Breed Abbott & Morgan LLC
100 Field Point Road
Greenwich, CT 06830

Eric Johnson
External Affairs
ISO New England Inc.
One Sullivan Road
Holyoke, MA 01040

Lillian M. Cuoco, Esq.
Senior Counsel
Dominion Resources Services, Inc.
RS 2
120 Tredegar Street
Richmond, VA 23219

Donna M. Poresky, Esq.
Senior VP, Secretary and General Counsel
FirstLight Power Resources Services, LLC
20 Church Street, 16th Floor
Hartford, CT 06103

Kevin Flynn, Esq.
Regulatory Counsel
ISO New England Inc.
One Sullivan Road
Holyoke, MA 01040

CEAB
c/o Gretchen Deans
CERC
805 Brook Street
Rocky Hill, CT 06067

Dan Peaco
La Capra Associates
20 Winthrop Square
Boston, MA 02110

John Mengacci
Under Secretary
Office of Policy and Management
Chairman, CEAB
450 Capitol Avenue
Hartford, CT 06106

Alvaro E. Pereira, Ph.D.
Consultant
La Capra Associates
20 Winthrop Square, 3rd Floor
Boston, MA 02110

Heather Hunt
Law Office of Heather Hunt
242 Whippoorwill Lane
Stratford, CT 06614

Robert B. Haley
Lake Road Generating Company, L.P.
56 Alexander Parkway
Dayville, CT 06241

Robert Price
Plant Manager
AES Thames LLC
141 Depot Road
Uncasville, CT 06382

Mark Sussman
Sarah P. Kowalczyk
Murtha Cullina LLP
CityPlace I, 29th Floor
185 Asylum Street
Hartford, CT 06103-3469



Loni S. Gardner